

Message Text

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PAGE 01 STATE 008533

63

ORIGIN EPA-04

INFO OCT-01 EUR-12 ISO-00 FEA-01 AID-05 CEQ-01 CIAE-00

COA-01 COME-00 DODE-00 EB-07 INR-07 IO-10 L-02 NSF-02

NSC-05 NSAE-00 PM-03 RSC-01 OES-05 SS-15 SP-02 TRSE-00

/084 R

66652

DRAFTED BY: EPA/AI:TJLEPINE:TMW

APPROVED BY: OES/SCI/BMP: MBEAUBIEN

EPA/AI:FGREEN

EPA/HTPETERSON (PHONE)

EUR/IB:WPKELLY

----- 025874

R 141726Z JAN 75

FM SECSTATE WASHDC

TO AMEMBASSY LISBON

UNCLAS STATE 008533

E.O. 11652: N/A

TAGS: BGEN, SENV, PO

SUBJ: BUSINESS ASSISTANCE: RADIATION MEASURING EQUIPMENT

REF: (A) LISBON 5453, (B) LISBON 5501

PURSUANT TO REQUEST FROM DIRECTOR OF THE LABORATORY OF THE
STATE-OWNED LISBON WATER SUPPLY, REFTEL (B), EPA ADVISES:
NO METHOD EXISTS FOR CONTINUOUS MEASUREMENT OF ALPHA RADIO-
ACTIVITY IN WATER. THIS CAN ONLY BE DONE ON BATCH BASIS
USING CONVENTIONAL EQUIPMENT. RECOMMEND SPECIFIC RATIO-
CHEMICAL ANALYSIS FOR RADIUM-226. BETA RADIOACTIVITY CAN
BE MEASURED ON CONTINUOUS BASIS USING PLASTIC SCINTILLATORS
BUT DETECTION SENSITIVITY IS POOR COMPARED TO USUAL WATER
SUPPLY RADIOACTIVITY LEVELS. EPA NOT AWARE OF ANY US WATER
SUPPLY WHICH MONITORS RADIOACTIVITY ON A CONTINUOUS BASIS.
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MOST HEALTH DEPARTMENTS USE COMPOSITE SAMPLES EVAPORATED

ON A PLANCHET AND COUNTED IN A GAS-FLOW PROPORTIONAL COUNTER.
MOST USERS OF CONTINUOUS LIQUID MONITORS ARE NUCLEAR INSTAL-
LATIONS WHICH EMPLOY THEM ON EFFLUENT STREAMS. PARTIAL LIST
OF FIRMS SUPPLYING RADIOACTIVITY MONITORING EQUIPMENT:
BECKMAN INSTRUMENTS, INC., 2500 HARBOR BLVD., FULLERTON,
CA. 92634; EBERLINE INSTRUMENT CORPORATION, INSTRUMENT
DIVISION, P.O. BOX 2108, SANTA FE, NM 87501; LFE
CORPORATION, TRAPELO DIVISION, 1601 TRAPELO RD., WALTHAM,
MA. 02154; NUCLEAR MEASUREMENTS CORPORATION, 2460 N.
ARLINGTON AVE., INDIANAPOLIS, IN. 46218; VICTOREEN
INSTRUMENT CORPORATION, 10101 WOODLAND AVE., CLEVELAND,
OHIO 44104. KISSINGER

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NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: WATER POLLUTION, RADIATION MEASURING DEVICES
Control Number: n/a
Copy: SINGLE
Draft Date: 14 JAN 1975
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Authority: n/a
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 JAN 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1975STATE008533
Document Source: CORE
Document Unique ID: 00
Drafter: EPA/AI:TJLEPINE:TMW
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Film Number: D750014-0959
From: STATE
Handling Restrictions: n/a
Image Path:
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Review Authority: ShawDG
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Review Date: 08 APR 2003
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Review Exemptions: n/a
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Review Markings:

Margaret P. Grafeld
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US Department of State
EO Systematic Review
05 JUL 2006

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Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: BUSINESS ASSISTANCE: RADIATION MEASURING EQUIPMENT
TAGS: BGEN, SENV, PO, US
To: LISBON
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 05 JUL 2006